

#3

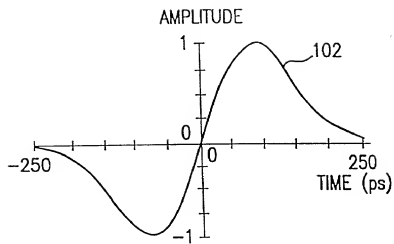


FIG. 1A

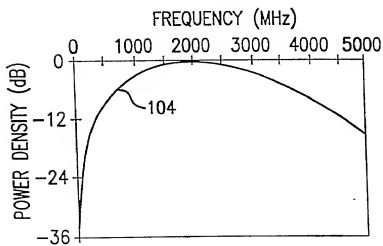


FIG. 1B

FIG.2A

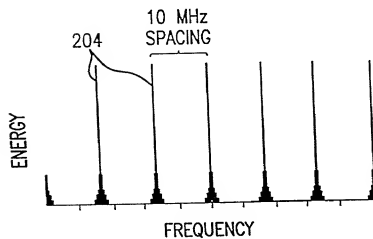


FIG. 2B

A spectrum plot showing the energy of coded signal energy spikes. The vertical axis is labeled 'ENERGY' and the horizontal axis is labeled 'FREQUENCY'. The plot shows a series of small, discrete spikes across the frequency range, with a label 'CODED SIGNAL ENERGY SPIKES' pointing to one of the spikes.

FIG.3

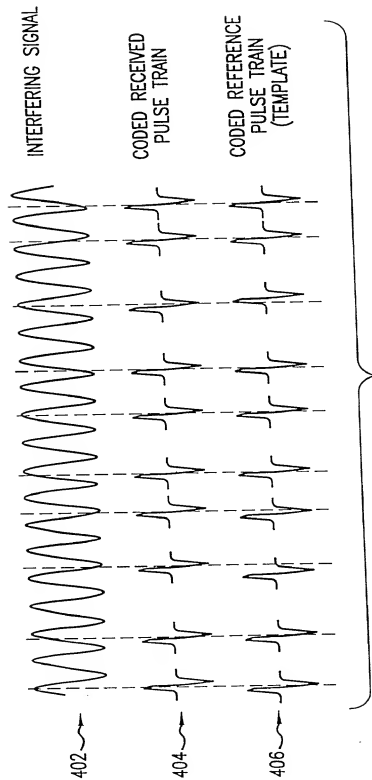


FIG. 4

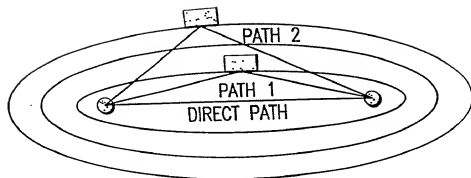


FIG.5A

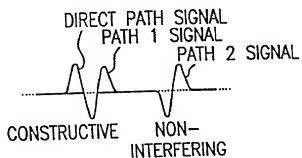


FIG.5B

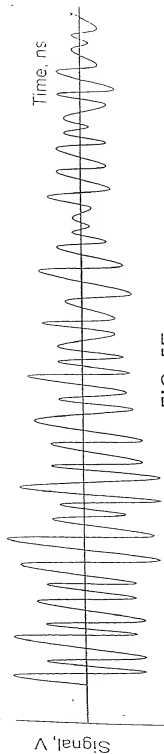
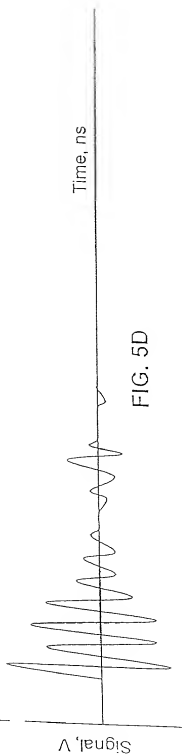
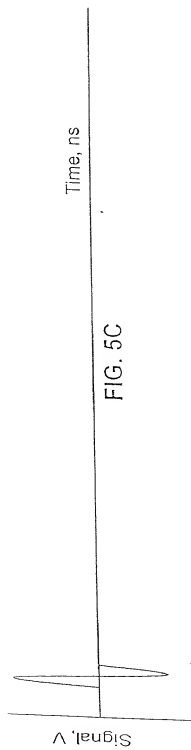
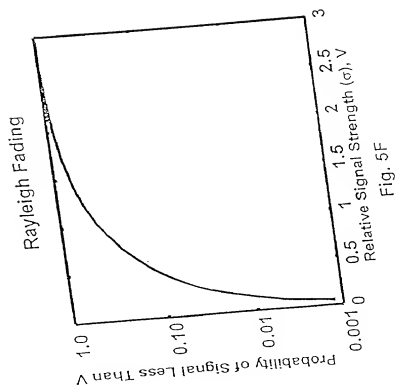


FIG. 5E



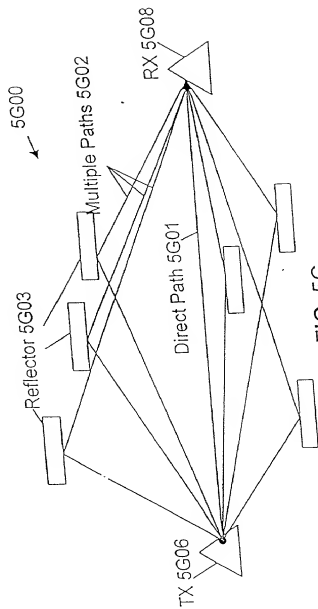


FIG. 5G

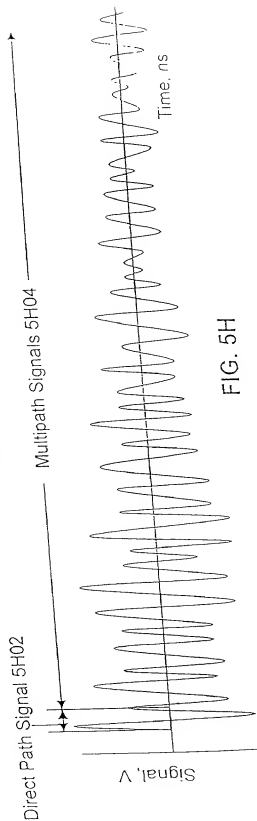


FIG. 5H



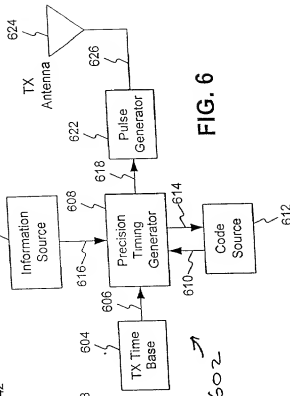
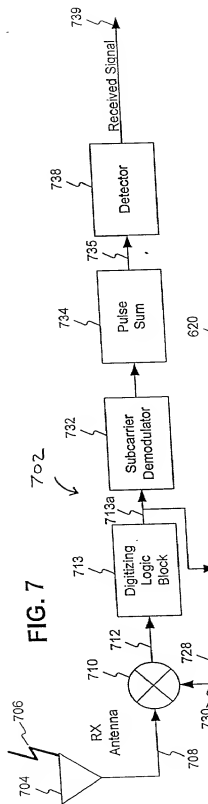


FIG. 6

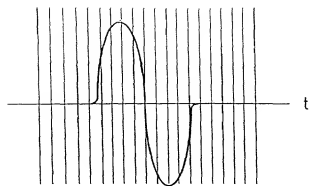


FIG.8A

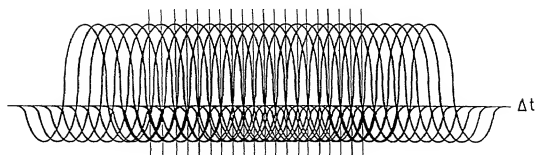
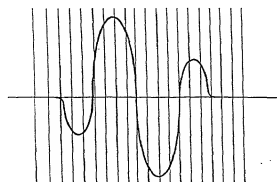


FIG.8B



CORRESPONDING  
TO EACH  
 $\Delta t$

FIG.8C

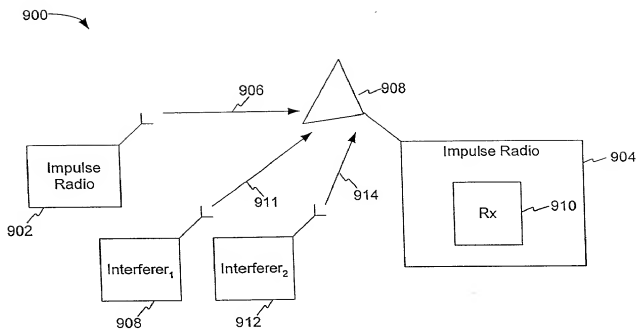


FIG. 9

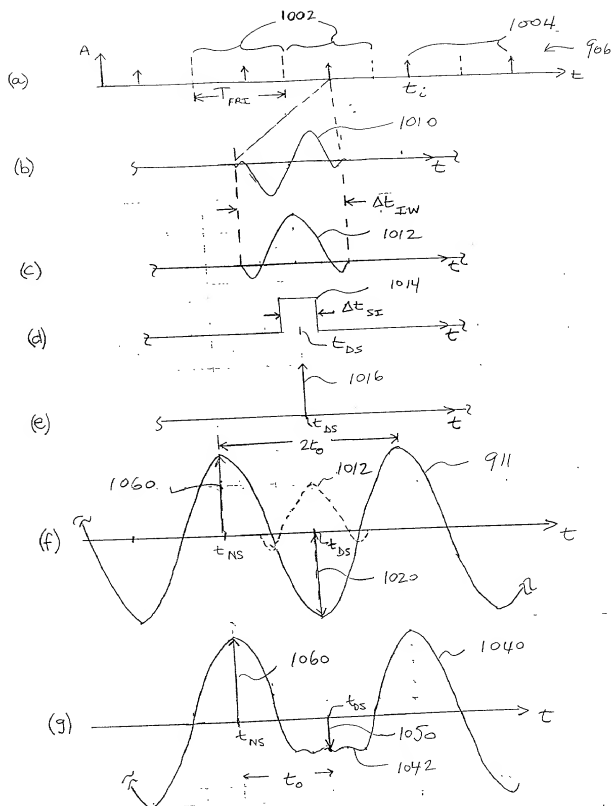


FIG. 10

FIG. 11A

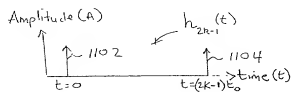


FIG. 11B

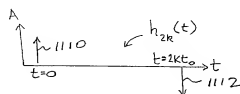


FIG. 11C

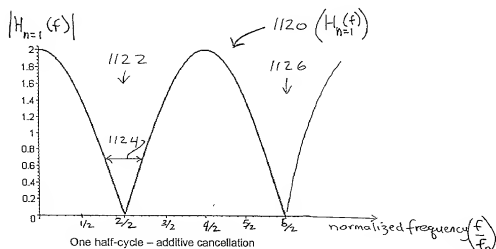


FIG. 11D

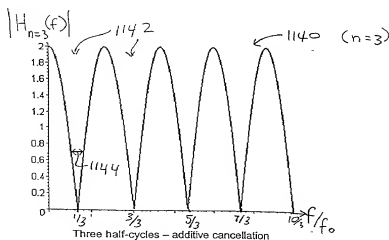


FIG. 11E

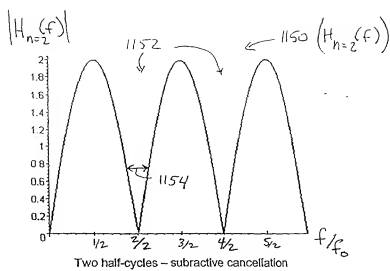


FIG. 11F

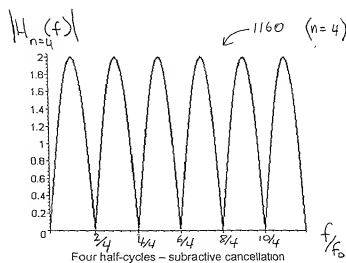


FIG. 11G

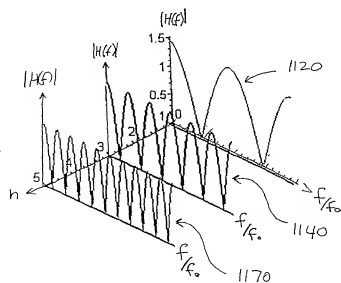
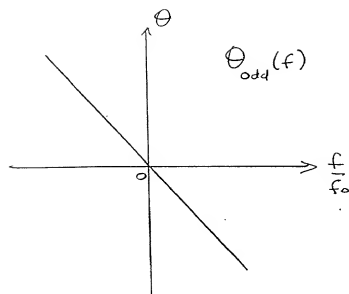
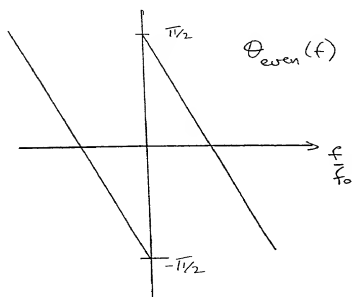


FIG. 11H



Phase response when  $n$  is odd

FIG. 11I



Phase response when  $n$  is even

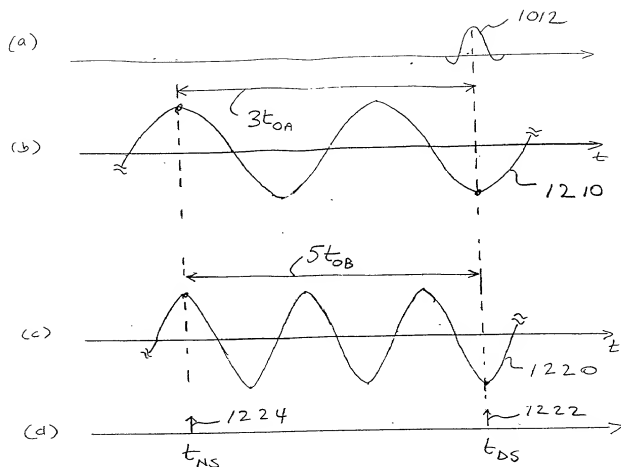


FIG. 12



FIG. 13A.

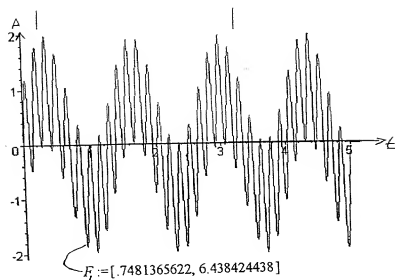


FIG. 13B

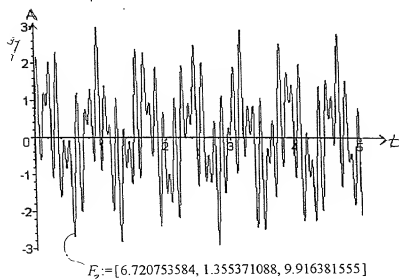
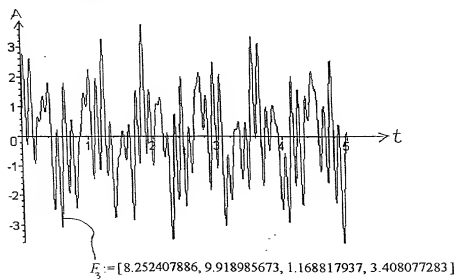


FIG. 13C



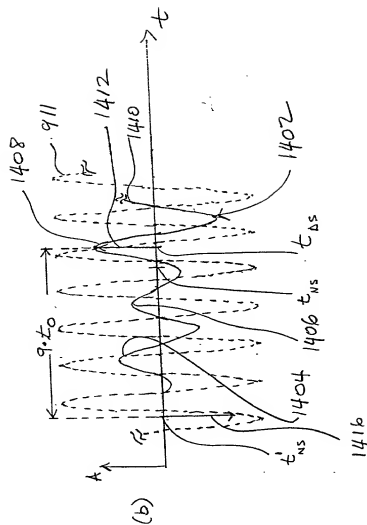
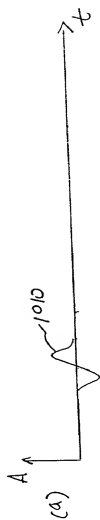


Fig. 14

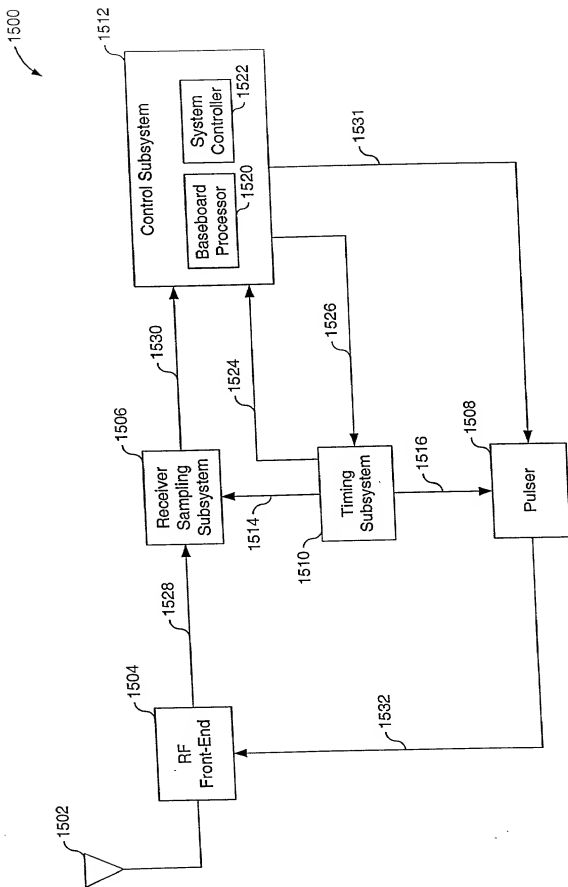
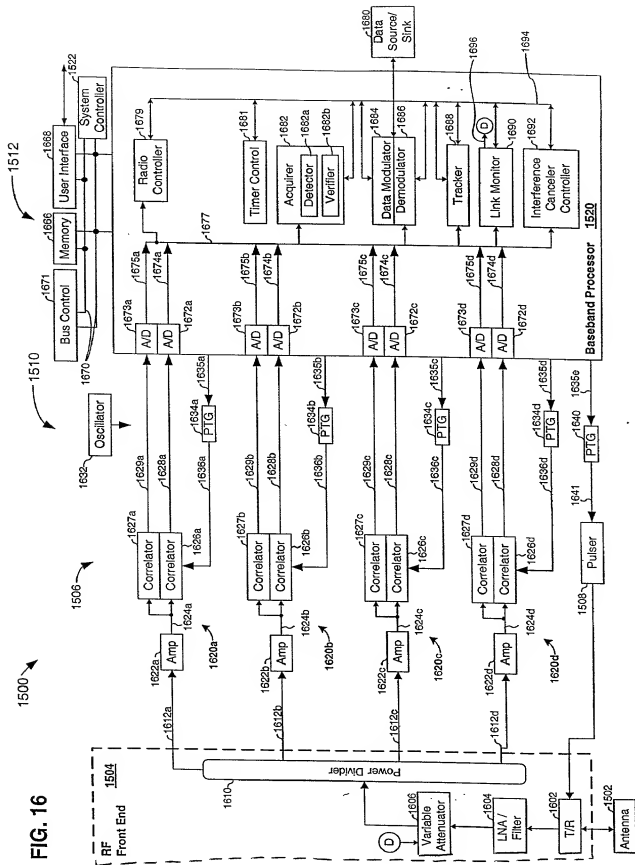
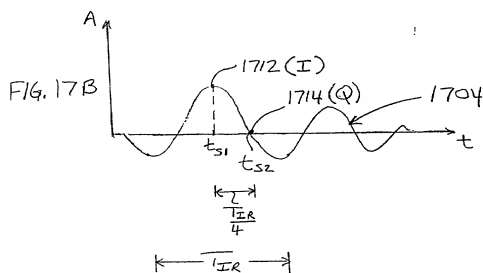
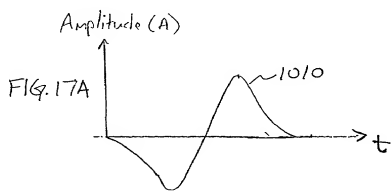


FIG. 15





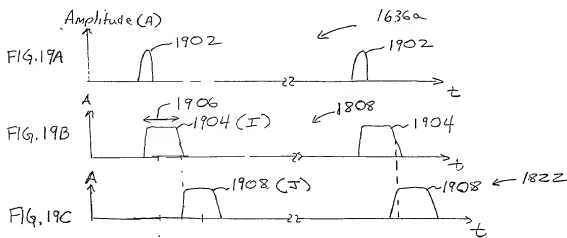
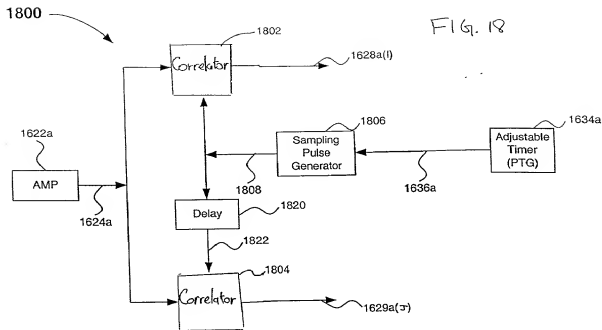


FIG 19

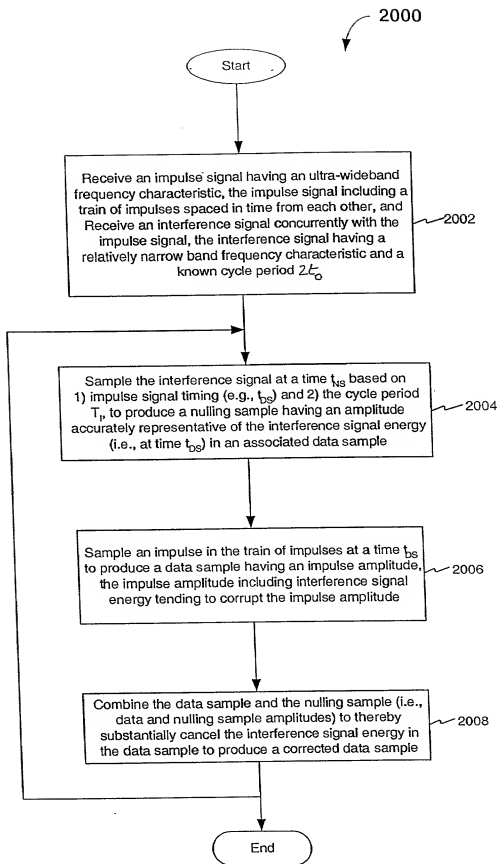


FIG. 20

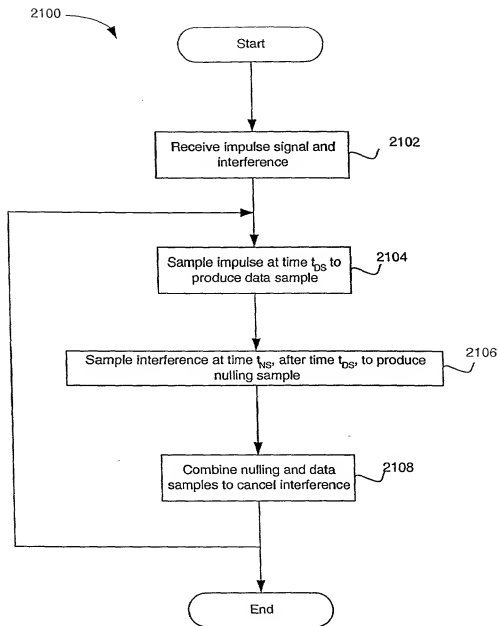


FIG. 21



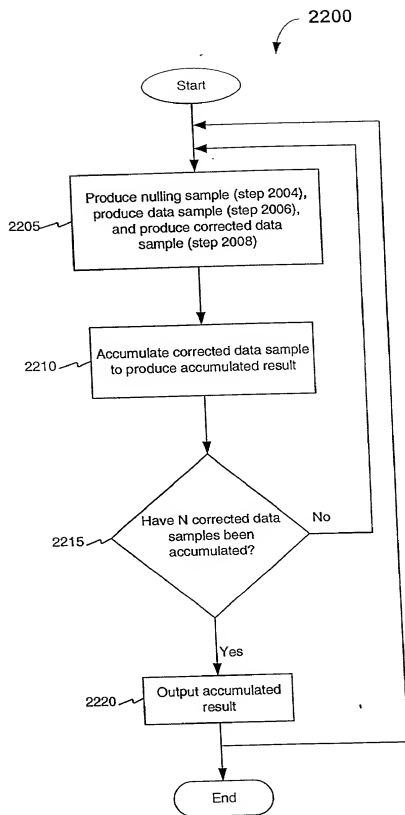


FIG. 22

2300

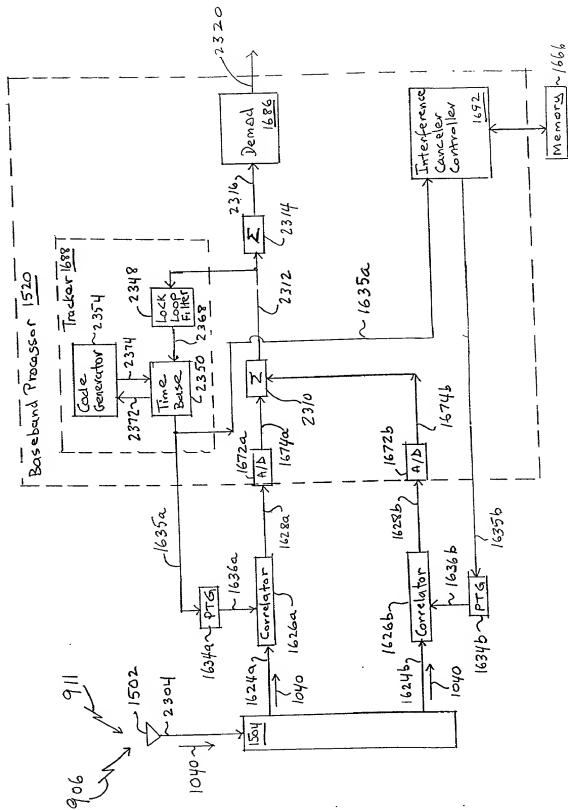


FIG. 23

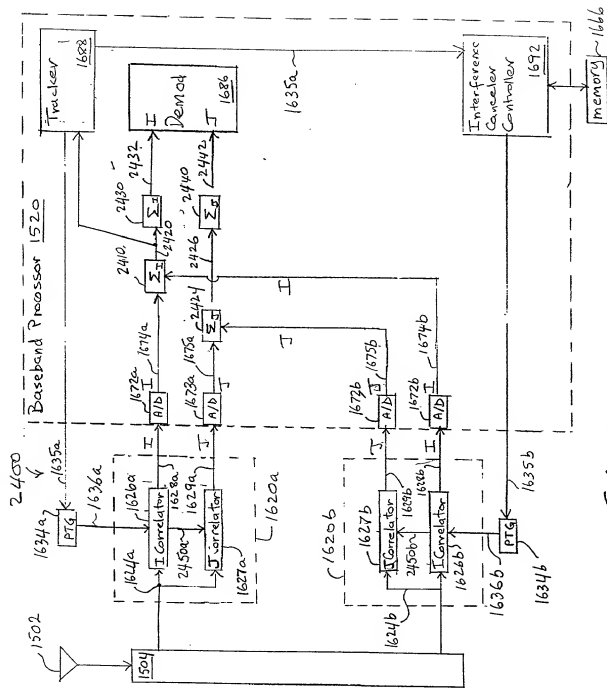


FIG. 24

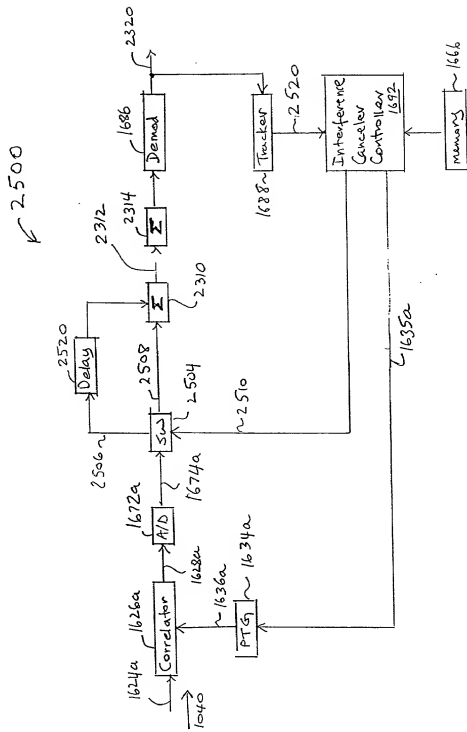


FIG. 25

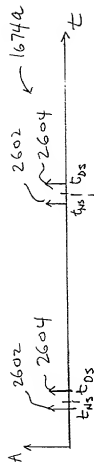


FIG. 26A

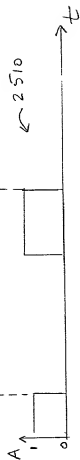


FIG. 26B

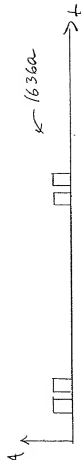


FIG. 26C

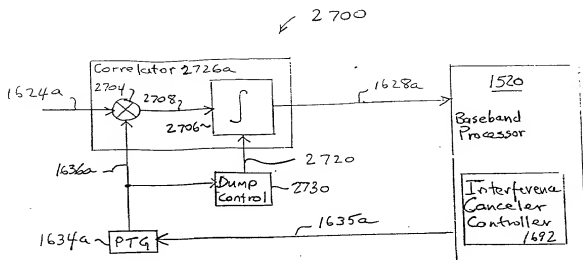


FIG. 27

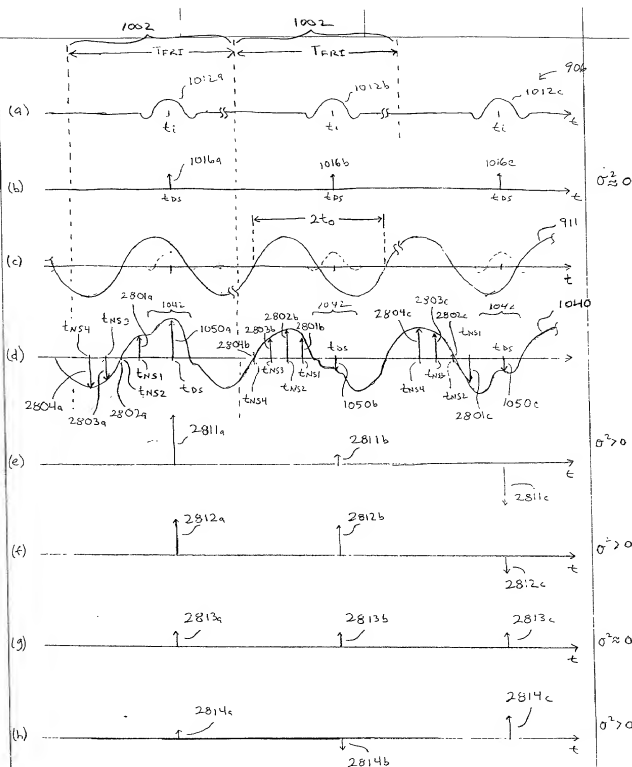


FIG 28

2900 ↗

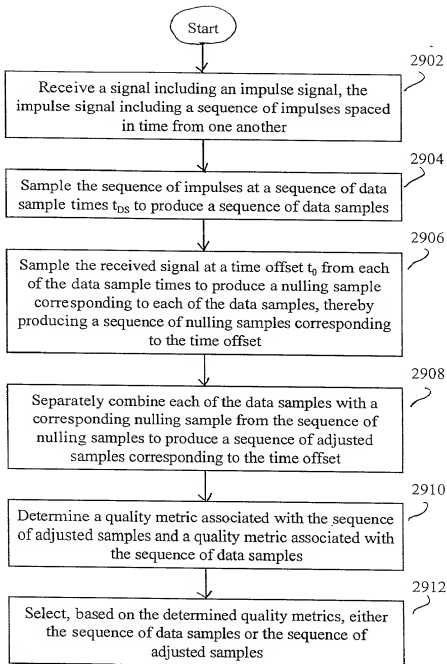


FIG. 29



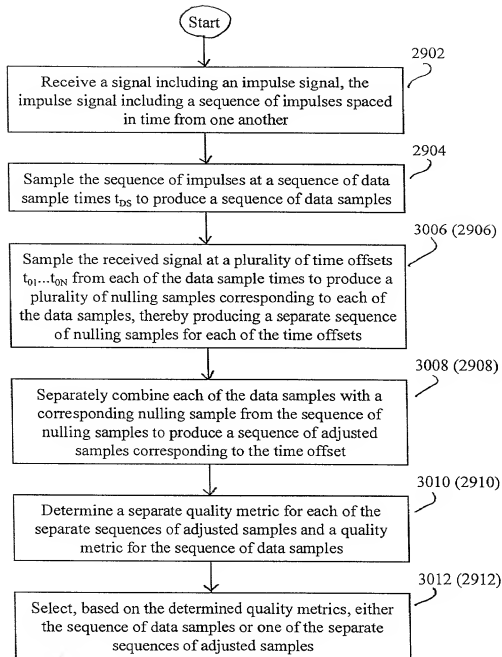


FIG. 30

3100A

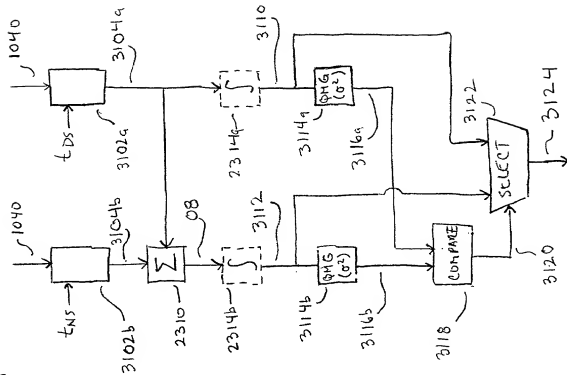


FIG 3A

3100B

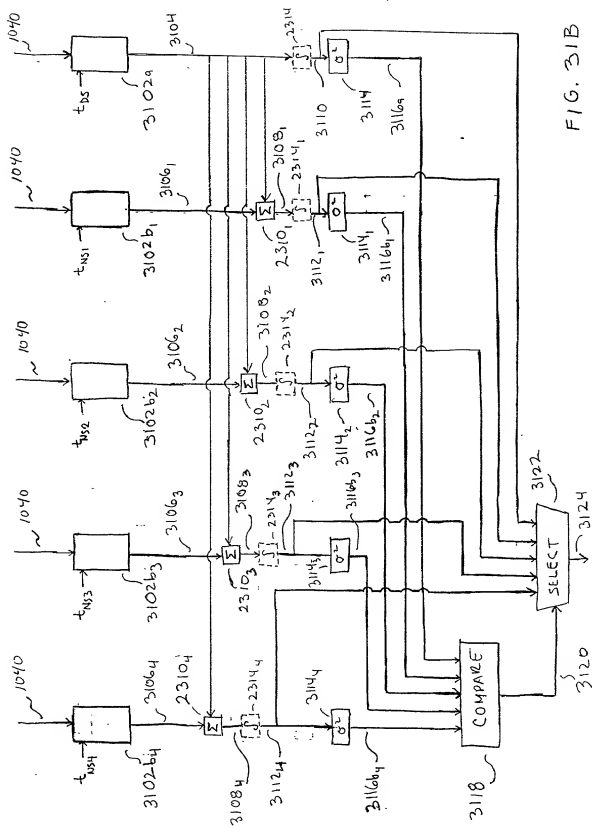


FIG. 3B

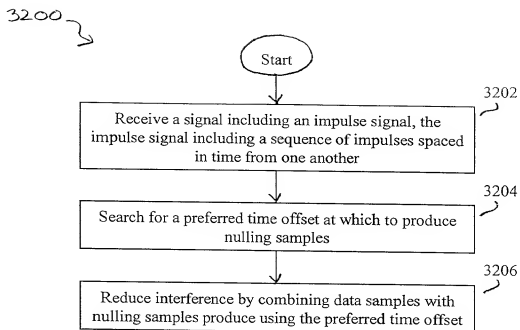


FIG. 32

3204

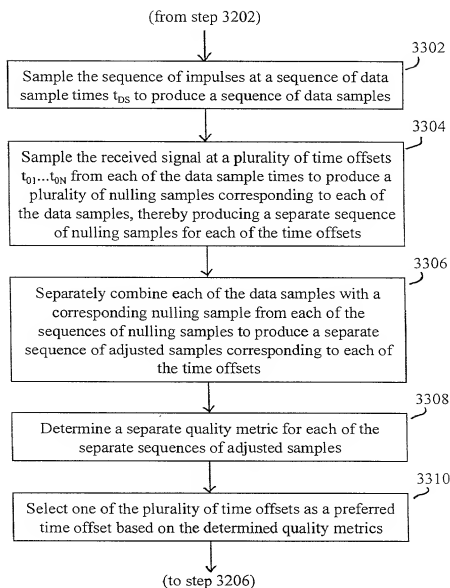


FIG. 33

3204

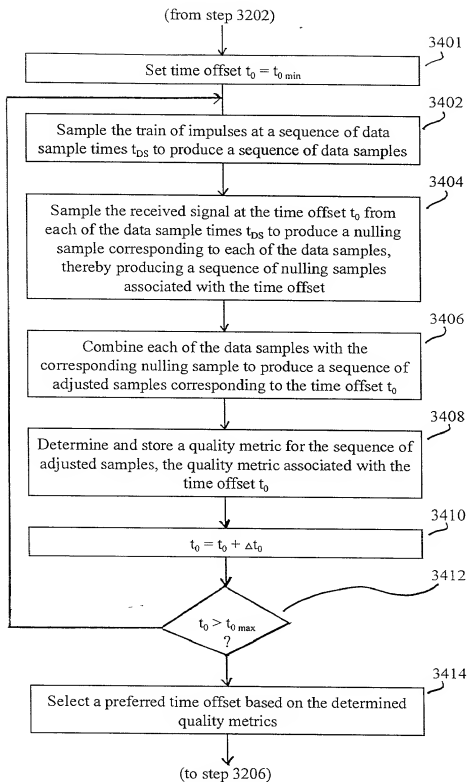


FIG. 34

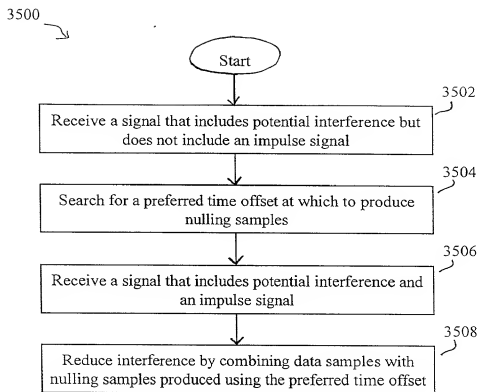


FIG. 35

3504

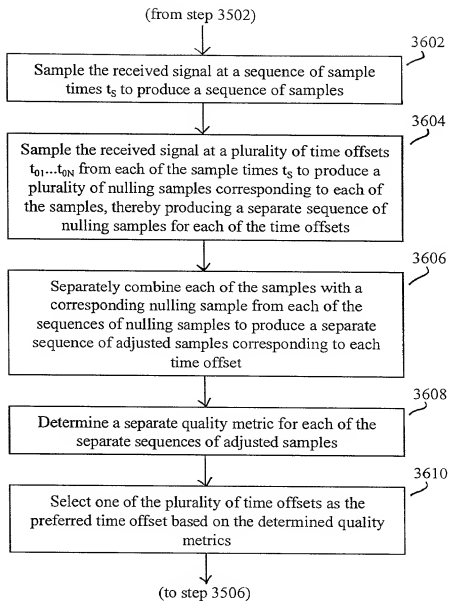


FIG. 36



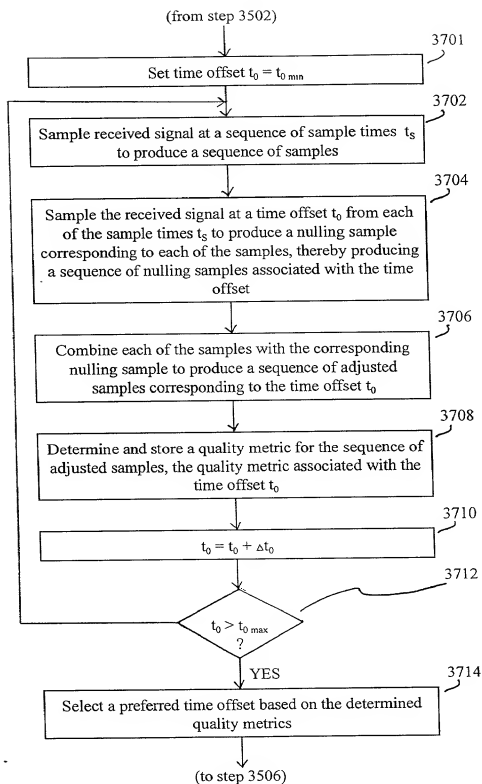


FIG. 37

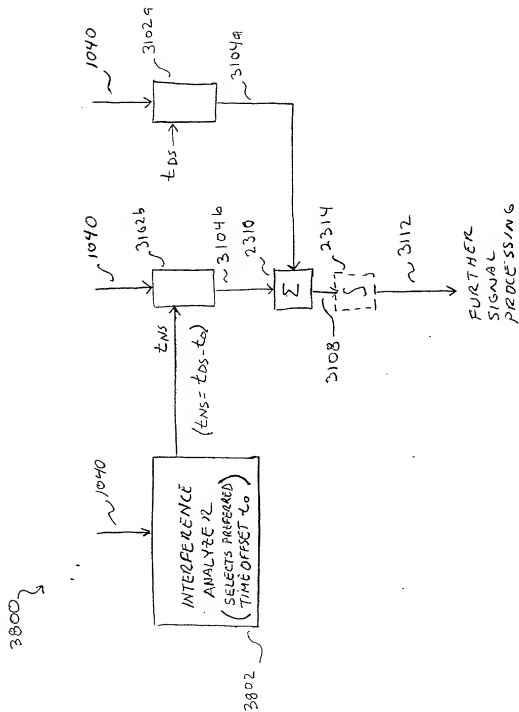


FIG. 38

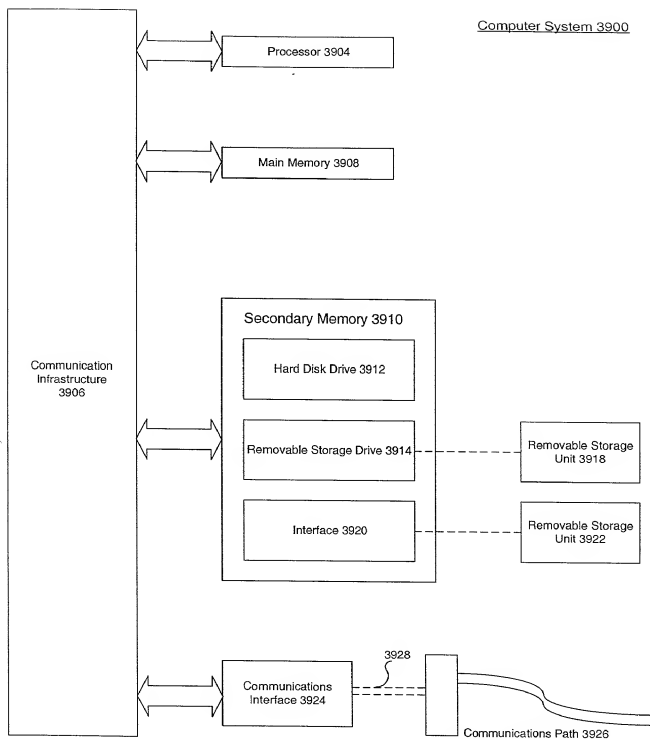


FIG. 39